

Outlook

Senator John McCain to Discuss "New Normalcy" at Town Meeting

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THE UNIVERSITY OF MARYLAND FACULTY AND STAFF WEEKLY NEWSPAPER

Volume 16 • Number 14 • December 4, 2001

Helping Students Where They Need It

When Aaren Harbin tells her friends about the "unbelievable" network that supports her through school, she says they're jealous. The junior Afro-American studies major speaks with pride about the program that has helped her become a successful student.

Jerry L. Lewis, director of the university's Academic Achievement Programs (AAP), wants stories such as Aaren's to get around. He wants people to know that students

coming through his office's programs do more than achieve—they excel. He rattles off statistics to prove his point. Ninety-five percent of the students enrolled in the



PHOTO BY CYNTHIA MITCHEL

The six programs under the Academic Achievement Programs' umbrella are led by (l-r) Associate Director Alice Murray, Associate Director Tilahun Beyene, Director Jerry Lewis and McNair Associate Director Nthakoana Peko.

Intensive Educational Development (IED) program's summer component succeed in meeting the university's requirements for admission the next fall.

"Even though their academic profile doesn't indicate a competitive profile," he says, "it does not mean that they

See AAP, page 7

Teachers Take On Different Academic Roles

Teachers in Prince George's and Montgomery counties are reexamining themselves as intellectual beings, no longer seeing themselves as just teachers, thanks in part to a university-based program called Teachers as Scholars.

Funded by the University of Maryland, Prince George's and Montgomery county public schools and the Woodrow Wilson National Fellowship Foundation, the program spans a semester with various professors from the university leading seminars from one to three days in length. According to the Woodrow Wilson National Fellowship Foundation, the program was developed at Harvard with the surrounding school districts

but has since emerged nationwide.

University professors and public school teachers alike have been enlightened by their experiences in the program. Lucy McFadden, associate professor of astronomy, led the seminar "Solar System Exploration," in which she had the participants help her with data analysis.

"It was really useful because I had their opinions," McFadden said. She added that when the teachers became students again, it gave them an insight into what it is like to be students, which they could incorporate into their own lessons.

Although the program is not designed as a

See TEACHERS, page 3

Making History Accessible to More People

Driven by a desire to make more than 50,000 testimonies of Holocaust survivors accessible to a wider audience, a team from the university is co-developing an audio search engine that allows multilingual searches and cataloguing.

With a portion of a \$7.5 million grant from the National Science Foundation, three faculty members of the College of Information Studies (CLIS) are working with three other university units, IBM and a team from Johns Hopkins University.

They are led by the Survivors of the Shoah Visual History Foundation, which was created by filmmaker Steven Spielberg in 1994 to videotape and preserve these valuable personal accounts. More than 116,000 hours of testimony in more than 32 languages is digitally housed at the Los Angeles-based foundation.

"If you played the tapes eight hours a day, seven days a week, it would take 13 years to play them all," says Douglas Oard, who is leading the Maryland

team of Dagobert Soergel, Bruce Dearstyne and David Doermann from the Institute for Advanced Computer Studies (UMIACS), Bonnie Dorr from computer science and Philip Resnik from linguistics. "No one will be able to use it without some form of cataloguing or search support."

The collaboration on this five-year project builds on speech retrieval work Oard and his colleagues were already

See HISTORY, page 6

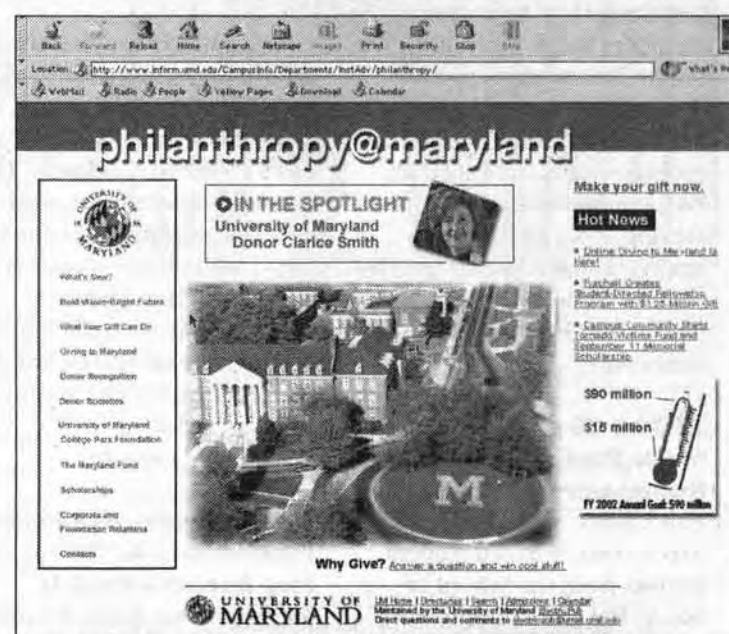
Point, Click, Give

Now, making a donation to the university is easier than ever, for alumni and friends with an Internet connection and a credit card.

The University of Maryland is now accepting donations online at www.maryland.edu/philanthropy (see home page below). Before, the university usually received donations by calling alumni and friends of

Jodi Pluznik of Development Publications said the site was designed to allow users to donate 24 hours a day, in a more convenient manner.

Previous gifts have allowed the university to accumulate \$415 million within the past six years for the Bold Vision/Bright Future fund, which has raised \$65



the university and requesting donations over the phone or by having donors mail in pledge cards.

By visiting the Web site, donors can choose to give to any of the schools or colleges within the university as well as to a select fund, such as the Tornado Victims Fund or the September 11 Memorial Scholarship Fund.

About six months ago, University Relations began planning and developing the Web site, testing each aspect before officially announcing the site a few weeks ago.

million more than its goal. The fund is designed to attract bright students to the university's undergraduate and graduate programs through scholarships and fellowships, as well as attract new outstanding faculty.

Other donations have included a \$10 million gift from Philip Merrill to the College of Journalism, now renamed in his honor; and a \$15 million dollar donation by Clarice Smith for construction of the Clarice Smith Performing Arts Center.

—Cynthia Owens

Math Reforms Add Up for Baltimore Students

For Baltimore City elementary school students, math class is no longer something to be dreaded. Students feel empowered by an engaging, interactive experience that puts them at the center of the learning process.

The change is a result of the efforts of Patricia Campbell, associate professor in the College of Education, and her team of colleagues who have coordinated with Baltimore teachers to completely reform math instruction across the city.

The five-year project, Mathematics: Application and Reasoning Skills (MARS Pro-

ject), has made such a difference in instruction and student achievement that it recently received the Urban Impact Award from the Council of the Great City Schools. This consortium of the nation's largest urban school districts annually recognizes outstanding school-based projects, conducted jointly by universities and school districts, which have had a positive and significant impact on teaching and learning.

In Baltimore, the impact of the MARS Project is evident in the classroom climate and test

See MARS PROJECT, page 5

dateline maryland

YOUR GUIDE TO UNIVERSITY EVENTS: DECEMBER 4-11

TUESDAY

december 4

12-1 p.m., Brown Bag Lunch for Associate Professors Maryland Room, Marie Mount Hall. There is a tenure clock for promotion to associate professor, but none exists for consideration for promotion to full professor. How do faculty members know when they are ready? This workshop, conducted by Associate Provost for Faculty Affairs Ellin Scholnick, provides some markers that P&T committees use to evaluate dossiers. Call 5-6803 to reserve a space. For more information, contact Ellin K. Scholnick at 5-4252 or es8@umail.umd.edu.

12:30-2:30 p.m., School of Music Student Honors Recital Gildenhorn Recital Hall, Clarice Smith Performing Arts Center. Selected student soloists from the School of Music. For more information, call (301) 405-ARTS or visit www.claricesmithcenter.umd.edu.

12:30-2 p.m., Rewriting the Twentieth Century 1102 Francis Scott Key Hall. The Center for Historical Studies presents a joint seminar conducted by David Kennedy of Stanford University and James Gilbert, University of Maryland. Buffet lunch at noon.

12:30-2 p.m., Sex and Repentance in Renaissance Venice 0139 Taliaferro Hall. With Laura McGough, affiliate in the Department of History and faculty member in the Department of History at the College of Charleston. The presentation is the semester's final event in the Works-in-Progress series, sponsored by the Center for Renaissance and Baroque Studies. Plan to bring your lunch. The Center will provide coffee and dessert. For more information, contact Karen Nelson at 5-6830 or kn15@umail.umd.edu, or visit www.inform.umd.edu/crbs.

3:30-5:45 p.m., Moving up in Mathematics: Making a Difference in Urban Schools Nyumburu Cultural Center. MIMAUE Colloquium. Five years ago, faculty from the University of Maryland and staff, administrators and teachers from the Baltimore City Public School System began to work

Happy Holidays!

The Dec. 11 issue of Outlook will be the last of the semester. Outlook will return Feb. 6.

collaboratively to systemically reform elementary mathematics curriculum, instruction, and assessment across 107 of the city's elementary schools. This effort incorporates professional development for teachers with on-site school-based support, curriculum revision, instructional materials, and targeted assessments. For more information, contact Martin Johnson at 5-0246 or j13@umail.umd.edu.

4 p.m., Physics Colloquium: Experiments At The Interface Between Particle Physics And Astro Physics 1410 Physics. With Steve Ritz, Goddard Space Flight Center, NASA. Call 5-5945.

5:30-7 p.m., Telling Stories with Alice McGill and Jon Spelman Laboratory Theatre, Clarice Smith Performing Arts Center. Join Storytellers Alice McGill and Jon Spelman as they demonstrate and discuss the art of storytelling. The event is free. For more information, contact Laura Lauth at (301) 405-ARTS or LL105@umail.umd.edu, or visit www.claricesmithcenter.umd.edu.

8 p.m., Town Hall Meeting with Senator John McCain See For Your Interest, page 8.

WEDNESDAY

december 5

12-1 p.m., Research and Development Presentation: A Qualitative Look at Highly Achieving Women with Disabilities 0114 Counseling Center, Shoemaker Building. With Ruth Fassinger, associate professor, Department of Counseling and Personnel Services. All interested faculty, staff and graduate students are invited. For more information, call Vivian Boyd, Counseling Center director, at 4-7675.

3:30-5:30 p.m., Fighting Against Corruption in China See For Your Interest, page 8.

7 p.m., Writers Here and Now Special Events Room, McKeldin Library. Poets Elizabeth Arnold and Joshua Weiner. For more information call 5-3820, or visit www.inform.umd.edu/ENGL.

7 p.m., Nixon Revisited: The New Tapes and Other Documents Available for the Public 0200 Skinner Hall. John Powers, Archivist, National Archives II will present a talk which details the White House taping system during the Nixon administration. Powers will play portions of the notorious Abuse of Power tapes and explain the process for accessing archival material for research purposes. The presentation is sponsored by the Center for Political Communication and Civic Leadership. For more information, contact Shawn J. Parry-Giles at 5-6527 or sp172@umail.umd.edu.

7:30-9:30 p.m., Annual Winter Jazz Showcase Concert Hall, Clarice Smith Performing Arts Center. Conducted by Chris Vadala and featuring the UM Jazz Ensemble and Monster Jazz Lab Band. For more information, contact Amy Harbison at 5-8169 or harbison@wam.umd.edu, or visit www.claricesmithcenter.umd.edu.

7:30-9:30 p.m., Le nozze di Figaro Ina and Jack Kay Theatre Clarice Smith Performing Arts Center. Kay Theatre hosts its first opera production as the School of Music presents Mozart's timeless comic masterpiece. Tickets are \$20. For tickets call 301-405-ARTS. For more information, contact Amy Harbison at 5-8169 or harbison@wam.umd.edu, or visit www.claricesmithcenter.umd.edu.

8-10 p.m., Laude! Collegium Musicum Gildenhorn Recital Hall, Clarice Smith Performing Arts Center. Directed by Tom Zajac. For more information, contact Amy Harbison at 5-8169 or harbison@wam.umd.edu, or visit www.claricesmithcenter.umd.edu.

THURSDAY

december 6

5-7 p.m., Guarneri String Quartet Open Rehearsal Gildenhorn Recital Hall, Clarice Smith Performing Arts Center. Public rehearsal by the

world-renowned ensemble, artists-in-residence and faculty members at the School of Music. For more information, contact Amy Harbison at 5-8169 or harbison@wam.umd.edu, or visit www.claricesmithcenter.umd.edu.

FRIDAY

december 7

12-1:15 p.m., Health Communication in the 21st Century 0200 Skinner Building. Department of Communication Centennial Colloquium Series with Vicki Freimuth, Associate Director of Communication at the Centers for Disease Control and Prevention in Atlanta, Ga. For more information, contact Trevor Parry-Giles at tp54@umail.umd.edu, or visit www.comm.umd.edu.

7 a.m.-6 p.m., Golf Shop Annual Campus Sale See For Your Interest, page 8.

1-2 p.m., CAWG Forum: Results From the National Survey of Student Engagement See For Your Interest, page 8.

8 p.m., Annual Kaleidoscope Concert Concert Hall, Clarice Smith Performing Arts Center. A rousing program by University of Maryland bands featuring highlights from the winning 2001 football season. Tickets are \$10; \$5 for students. Call (301) 405-ARTS.*

SATURDAY

december 8

8 a.m. and 10:30 a.m., Breakfast with Santa See For Your Interest, page 8.

8-10 p.m., Annual Christmas Concert Concert Hall, Clarice Smith Performing Arts Center. Seasonal music from across the centuries, featuring Bach's Christmas masterwork the Magnificat, performed by the Chorus, Chorale, Chamber Singers and Symphony Orchestra. Tickets are \$15; \$13 for seniors and \$5 for children. Call (301) 405-ARTS. For more information, contact Amy Harbison at 5-8169 or harbison@wam.umd.edu, or visit www.claricesmithcenter.umd.edu.*

SUNDAY

december 9

3 p.m., Annual Christmas Concert Concert Hall Clarice Smith Performing Arts Center. See Dec. 8.

MONDAY

december 10

1-3 p.m., Introduction to the Electronic Workplace (Basic Computer Technolo-

gies) 4404 Computer & Space Science. Geared to the basic learning needs of those new to Windows and Web computing technologies. Participants will learn to identify components of the Windows environment; use a mouse; open, save and manage a file; browse the Web; create bookmarks of favorite Web sites; and log into ARES. Preregistration is at www.oit.umd.edu/sc and costs \$20. For more information, contact the Training Coordinator at 5-0443 or oit-training@umail.umd.edu, or visit www.oit.umd.edu/sc.*

TUESDAY

december 11

11 a.m.-12 p.m., Multiculturalism: Source of Jihad or Antidote to Jihad? 4205 Hornbake Library. In this diversity forum, Benjamin Barber, who holds a joint professorship in the Department of Government and Politics (BSOS) and the School of Public Affairs, will discuss how he deals with diversity and multiculturalism in his book "Jihad vs. McWorld." Sponsored by the University of Maryland Libraries. For more information, call Ann Masnik at 5-9263 or Tom Connors at 5-9255.

Correction

On page 4 of the Nov. 27 issue of Outlook, the photo credit for "Peanut Butter and Legos Help Make Engineering Fun" should be Rosemary Parker.

Outlook

Outlook is the weekly faculty-staff newspaper serving the University of Maryland campus community.

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Cynthia Mitchel • Art Director

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Letters to the editor, story suggestions and campus information are welcome. Please submit all material two weeks before the Tuesday of publication.

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calendar guide

Calendar phone numbers listed as 4-xxxx or 5-xxxx stand for the prefix 314 or 405. Calendar information for Outlook is compiled from a combination of InformM's master calendar and submissions to the Outlook office. Submissions are due two weeks prior to the date of publication. To reach the calendar editor, call 405-7615 or e-mail to outlook@accmail.umd.edu. *Events are free and open to the public unless noted by an asterisk (*).

Workshop Seeks to Further Engage University in Democracy

On Friday, Dec. 7, the Democracy Collaborative is sponsoring a one-day workshop on "The Public Mission of the Public University." The workshop will explore ways in which the University of Maryland, already deeply committed to strengthening a democratic way of life, can be even more civically engaged at this critically important time in the history of our country. The purpose of the day is to examine our campus' existing community-focused activities and programs of civic engagement and to identify new possibilities for the future.

A cross section of faculty and staff from throughout our institution is being invited to

participate, as are several scholars from other universities who are also national leaders of the engaged university movement. These resource people—Professor Harry Boyte from the University of Minnesota, Dean Robert Hollister from Tufts University and Professor Ira Harkavy from the University of Pennsylvania—will share their insights about what it takes to bring together an internal university capacity capable of systematically moving forward the engagement agenda and process.

A report on recommendations for the university developed at the workshop will be forwarded to the administration.

Football Bowl Tickets

University of Maryland Faculty and Staff can purchase tickets for the bowl to which Maryland is invited. The Terrapins will either be playing in the FedEx Orange Bowl Wednesday, Jan. 2 at 8 p.m. in Miami, Fla. or in the Nokia Sugar Bowl on Tuesday, Jan. 1 at 8:30 p.m. in New Orleans, La.

Official bowl invitations will be extended on Dec. 9. The deadline to purchase tickets is Dec. 12. Public sales will begin on Dec. 13. To purchase tickets, which cost \$65-\$100, contact the Terrapin Ticket Office at (301) 314-7070 or mk225@umail.umd.edu. For more information, visit www.umterps.com.

Men's Basketball Tickets

Men's basketball tickets are still available in limited number for the game vs. Detroit on Sunday, Dec. 9 at 6:30 p.m. Tickets are \$23. For more information, contact the Terrapin Ticket Office at (301) 314-7070 or mk225@umail.umd.edu, or visit www.umterps.com.

Teachers: Students Again

Continued from page 1

means to improve teaching styles and it is not required that teachers attend seminars in their field, several of the professors commented that they expect, and some have already witnessed, alterations in the participants' lesson plans after attending a seminar.

Thomas Holtz, assistant research scientist in the Department of Geology, led "Dinosaurs and Their World."

"I hoped that some might include the new information, if for no other reason than to update outdated concepts in popular perceptions of dinosaurs. I have learned that some of the teachers have already done so this semester," Holtz said.

Although the seminars are held during a normal school day, the program was designed so that it would not be a problem for the teachers to miss their classes. The school system pays for substitutes so the teachers can attend the program during the work week when they would be most likely to be

willing and able to participate.

Bob Tocha, who works in the Prince George's County superintendent's office, described the program as "an intellectual holiday" and said, "it allows a person to reconnect intellectually on a university campus while putting teachers in contact with real scholars in a seminar type setting."

Inez Williams, a teacher at Skyline Elementary School, attended "Cultural (Mis) Understandings: Cross-Cultural Communication between the U.S. and Latin America" by Roberta Lavine, associate professor of Spanish and Portuguese. Williams said she chose that particular seminar so she would be able to understand the culture surrounding her Spanish-speaking students, as well as learn to be a better communicator.

"I found it very enriching. I was able to meet a lot of other teachers and interact with them, as teachers and intellectuals," Williams said.

—Cynthia Owens

Broad Range of Projects Benefit from University Expertise

Imagine doubling the amount of miles per gallon you get. The University of Maryland is helping to make that a reality—for commercial vehicles anyway. Through the Engineering Research Center's Maryland Industrial Partnerships Program (MIPS), the university recently began funding a project to develop a super-efficient drivetrain.

The device is licensed by the Advanced Propulsion Limited Liability Corporation. This new drivetrain uses a hybrid gas-electric drive system, similar to the one in the Toyota Prius, which will be modified for use in commercial delivery trucks used by companies such as Federal Express and United Parcel Service.

As part of the MIPS program, David Holloway, professor in the department of mechanical engineering, and Advanced Propulsion researchers will conduct testing and integration of the prototype drive into an actual truck. They will use university facilities and resources to complete the work.

Hybrid systems utilize gas engines and electric motors working in parallel under the direction of a computer that determines the most fuel-efficient operating procedure. Fuel usage can be substantially reduced when the electric motor takes over operation of the vehicle at times when the gas engine is idling at the multiple stop signs, red lights and customer stops on an urban delivery route. The electric motor's battery, in turn, can be partially recharged by recapturing the heat energy dissipated in the brakes.

"You can get a 50 to 100 percent increase in fuel efficiency depending on the overall system," says Holloway. "That's a huge savings in terms of fuel for these companies, and so far there are some competitors, but no one is really going after this market for hybrid systems." The market has growth potential as companies look to cut fuel costs while meeting future EPA emissions standards.

The drivetrain project is one of a dozen that MIPS has decided to support. Others include a project seeking to develop a mobility system for children based on the All Terrain Strutters™ system currently produced by Orthotic Mobility Systems Inc. of Kensington. Called the Trotter™, the new system will be designed to enable children with neuromuscular and orthopedic disabilities to stand and walk safely while eliminating the debilitating effects of crutch palsy, and the risks of joint and shoulder injury associated with the use of traditional crutches.

Of the company's beginnings, Philip Neri Lyons, sales director, says that founder Harry Herman Jr. "slipped on some ice and broke his ankle about 10 years ago. He found using crutches very uncomfortable and he vowed that when he healed, he would design a crutch that was serviceable and comfortable." Herman, a former nuclear physicist and holder of more than 25 patents for health-care related products, designed the features that would later come to characterize the Orthotic Mobility Systems line of products.

"Crutches haven't changed much throughout the years," Lyons says. "They can do so much damage to disabled people who have to use them on a daily basis." Traditional crutches aren't designed to hold a person's weight. People are admonished to not put all their weight on them, but they frequently do. Additionally, the size of the footpad can make maintaining stability while moving problematic.

Lyons maintains that Strutters™ are differ-



PHOTO BY ROBERT GARDNER

Philip Neri Lyons, sales director of Orthotic Mobility Systems, models the company's All Terrain Strutter™ mobility system.

ent from crutches in that they are designed to securely and comfortably support a person's entire weight. Additionally, they have a spring-loaded mechanism connected to the footpad that moves much like the human foot and absorbs shock while helping to propel the user. The size of the footpad, 18 square inches, provides a much greater contact area with ground than traditional crutches and can be used on varying terrain.

University researchers will determine the best design criteria for the Trotter™ system for children, and their work will proceed in two phases. The first will involve the design, fabrication and preliminary testing of a prototype from information provided by the company. Testing with children will be conducted at the Human Performance Research Laboratory at the university and the need for modifications or complete redesign determined.

The second phase will put the Phase One prototype through a battery of tests, which will begin in association with the National Children's Medical Center's (NCMC) Spina Bifida clinic. Necessary modifications will then be made, and 200 of these modified units will be produced for formal clinical trials at NCMC and Baylor University Hospital. Eventually, the prototypes will be tested with a group of 5 to 10 children with spina bifida, and statistical comparisons of the results made between the performance of the Trotter™ and traditional crutches.

Arthur T. Johnson, a professor in biological resources engineering, is the faculty member leading the research. He brings to the project 35 years of experience in bioengineering, and human performance testing.

MIPS is part of the Engineering Research Center's continuing effort to bolster the Maryland economy by nurturing start-up companies, providing consultation, and forming industry-university partnerships. MIPS matches company funds, up to \$100,000, for the one to two year projects it decides to support, and has supported over 654 projects, nurtured 41 start-up companies, and provided consultation for nearly 200 projects per year since 1987.

—Robert Gardner

Words and Beats

The Black Student Union's Words, Beats & Life Hip-Hop Conference Committee at the University of Maryland, College Park is requesting the submission of research papers, poems, artwork (including but not excluded to graffiti), media reviews (movies, records, etc), essays, interviews, editorials and beats. Submissions are due via e-mail by Jan. 15, 2002. All submissions should be sent to the e-mail address listed below.

Accepted works will be published in the first issue of the electronic journal and all the authors and artists who are selected for publication in the print journal will be invited to present at the second annual "Words, Beats & Life Hip-Hop Conference" at the university, April 8-14, 2002.

The conference is in its second year. The goal of the first conference was to promote diversity by using hip-hop culture as a unifying vehicle. The second conference will build upon the success of the first by including experiential learning opportunities, panel discussions, keynotes, a career fair, a community service project involving rap artists, an academic journal and the creation of a scholarship for a local high school student.

Goals of Journal:

- 1) To promote the study and evaluation of hip-hop culture in an academic format
- 2) To promote the teaching and studying of hip-hop on par with other academic fields
- 3) To approach and present the artistic as intellectuals

Notes:

1) The journal organizers seek participants from a variety of areas of expertise, and welcome the contributions of scholars from a range of disciplinary backgrounds and perspectives (performers, DJs, poets, scholars, et al.).

2) The first issue centers around the conference theme, "The Power of Hip-Hop," focusing specifically on four areas: marketing, ethics, cross-cultural influence, personal influence.

3) All submissions will be reviewed by a committee of professors, graduate students and artists.

Submission Formats:

- Original Scholarship: 1,800 words or fewer
- Lyrics/Poems: 300 words or fewer
- Art Work: including but is not excluded to graffiti
- Media Reviews (movies, records, etc): 1,200 words or fewer
- Interviews: 1,200 words or fewer
- Beats: 20-40 seconds

E-mail your submissions directly to wbljournal2002@hotmail.com, or if the file is too large for hotmail's server, please send a zip disk or CD to:

Words, Beats & Life Journal Committee
c/o Jason Nichols
2169 LeFrak Hall # 038
College Park, MD 20742

Women Researchers Share, Encourage



Above, Computer Science faculty members participate in the "Panel on Teaching" held on Saturday, Nov. 17, from right to left: Larry Herman, Computer Science lecturer; Gwen Kaye, education program administrator, Department of Computer Science; and William Gasarch, Computer Science professor.

In response to the very small number of women and minorities pursuing graduate computer science studies and moving into academic positions, a symposium was organized by a few professors in the computer science department.

Bonnie Dorr, Leana Golubchik, Dana Nau, Diane O'Leary and Amitabh Varshney hosted "Research, Careers, and Computer Science, A Maryland Symposium" Nov. 16-17. It highlighted the work of 20 women and minority doctoral student researchers from across the United States and Canada. Computer Science Department faculty participated on panels and joined the researchers for lunch. The Graduate Student Council hosted an evening reception.

The participants were enthusiastic

about their experience at the workshop. In addition to the formal sessions, the students took full advantage of networking opportunities and met peers who faced challenges similar to theirs. Comments by the participants, gathered from evaluations, included: "It is a very rare experience to attend a conference where the majority of speakers are female." "I feel like my research got a wonderful shot of adrenaline!" "I feel that the workshop gave me the chance to envision some of what it means to continue in academics as a woman..." and "I wish there were more opportunities like this."

The two-day event offered an opportunity to present research, meet Maryland faculty and graduate students and participate in interactive sessions about academic posi-

tions. The information sessions addressed practical issues related to pursuing an academic research career. Faculty panelists offered advice about academic research, university faculty hiring procedures, obtaining research funding, time management, publication opportunities and tenure.

Participants were welcomed by CMPS Dean Steve Halperin; Larry Davis, computer science chair and Joseph Jaja, director of UMIACS. Additional faculty members participating were Raymond Miller, Ashok Agrawala, Victor Basili, William Gasarch, Jim Hendler and instructors Larry Herman and Gwen Kaye. Special guest panelist Caroline Wardle from the National Science Foundation provided information on research funding.

The following university computer science departments were represented by graduate research presenters: Toronto, Oregon State, North Carolina, Stanford, Wisconsin, Southern California, Massachusetts, Illinois, Columbia, Dartmouth, Washington State, Georgia Institute of Technology, California-San Diego, Cornell, Cal Tech, Rice, and California-Santa Barbara.

For detailed information about the graduate students and their research topics, visit www.cs.umd.edu/~oleary/workshop/ agenda.

Several National Journals Led by University Faculty

Another University of Maryland faculty member has been added to the long list of editors of national journals. Robert Sprinkle, associate professor in the School of Public Affairs, recently became editor-in-chief of *Politics and the Life Sciences*, a peer-reviewed journal.

Sprinkle was hired as editor when the previous editor left the job, for some "rest," according to Sprinkle. He has had articles published in the journal and applied formally for the position. Sprinkle said having a distinguished university's support helped him win the position of editor.

A university is a good resource for a journal, particularly politics and the life sciences, because here it can "become more prominent, bigger and better. It can increase its readership and influence," Sprinkle said.

The journal was previ-

ously located in England, but Sprinkle has brought it to the University Print Services, which will be less costly. He is also working on developing a Web site for the publication, which he said will allow the association to publish more frequently than the print version, which is published twice a year.

With the Web site, Sprinkle said the journal will be able to review and present the articles to the public much faster than relying entirely on the print version. Articles will be available to subscribers as soon as they have been peer-edited, rather than languishing for months, as articles frequently do, before being published in the print version.

This way, Sprinkle stated, the articles will be able to contribute to a debate within the field in a more timely manner. Because the articles frequently deal with such issues as biologi-

cal warfare, a decrease in the time to print them is beneficial in times such as these.

The associate and contributing editors are also University of Maryland faculty, which Sprinkle said allows for easier discussion amongst them.

Bruce Golden, professor of management science, is another example of a faculty member who serves as co-editor in chief of a national journal, *Networks*. Before working for *Networks*, Golden was editor in chief of *Informations Journal on Computing*. He had to formally apply for the position with *Informations* but was able to work his way up to editor in chief at *Networks*.

"I have been associated with *Networks* since the late '70s," Golden said. "I was kind of a member of the family. Everyone on the editorial board knew me, they were happy to have someone to recommend," Golden said, referring to

Wiley, the production company that formally approved him.

Because Golden had expressed an interest in the position, which the previous editor was planning on leaving, he was recommended for and offered the position. He was expected, however, to take over the position in early 1999, even though he was still the editor of *Informations* until late 1999. As a compromise, Golden became editor in chief in July 1999, leaving six months during which he served as editor for both journals.

Golden also has colleagues who are a part of the journal's editorial board. Michael Ball and Subramanian Raghavan, both professors of management science, are associate editors and Howard Frank, dean of the Robert H. Smith School of Business, is an advisory editor.

—Cynthia Owens

Transcending Boundaries Conference to Feature National Figures

The 28th Annual Maryland Student Affairs Conference will be held Friday, February 15, 2002. True to its theme transcending boundaries, the conference committee reached outside of its traditional student affairs community and included faculty, graduate students and staff from other divisions of the institution.

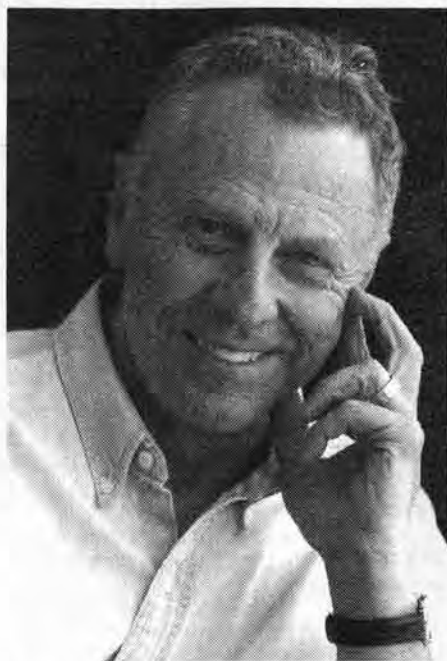
"The conference will allow us to question how we can transcend boundaries to create a stronger community and to better serve our students," said Linda Clement, vice president for Student Affairs. "We must expand traditional boundaries of service we provide to create a seamless, integrated campus experience. I envision this conference as a forum to answer and ask some important questions."

"The original concept for this conference was to provide an opportunity to allow professionals to step back from roles in which they immerse themselves and assess what boundaries are in place—at their offices, within their universities or in their lives—that keep them from reaching a higher level of performance and service," said Jim Rychner, conference chair.

This regional conference traditionally draws approximately 500 student affairs professionals to the university. The committee is encouraging early registration because two nationally renowned speakers have been confirmed. Morris Dees of the Southern Poverty Law Center and Ada Marie Isasi-Diaz of Drew University have

been confirmed. They will address the timely issues of race, ethnicity, religion and the impact of fear and how to transcend these boundaries.

Isasi-Diaz is an associate professor of ethics and theology at Drew University. Since the mid-1980s, her main



Morris Dees

area of interest and research has been religious practices and understanding of Latinos in the United States who struggle for liberation. Her work in Cuba over the last several years focuses on reconciliation and discovering together how to build a common future. Isasi-Diaz continually draws on her Cuban roots, focusing on the life journeys and struggles of Hispanic

women as she develops a theology to support and empower life's daily struggles. She has authored and co-authored several groundbreaking works and has been published in dozens of scholarly journals. Some of her works include: "Hispanic Women: Prophetic Voice in Church," "Inheriting Our Mothers' Gardens" and "Women of God, Women of the People." Her work transcends the boundaries of culture, class, gender, religion and race.

Dees is the son of an Alabama farmer and witnessed firsthand the painful consequences of prejudice and racial injustice. In the late 1960s Dees began taking controversial cases that were highly unpopular in the white community. Recognizing the need for a nonprofit organization dedicated to seeking justice, Dees and his partner founded the Southern Poverty Law Center.

Dees' success has not been limited to the law. He founded one of the largest publishing companies in the South. He was Democratic presidential nominee George McGovern's finance director, served President Jimmy Carter as finance director in 1976 and Senator Ted Kennedy as the national finance chairman for his 1980 presidential campaign. He has also authored several books, including: "A Season For Justice, Hate on Trial: The Case Against America's Most Dangerous Neo-Nazi," and his latest book, "Gathering Storm: America's Militia Threat." His work transcends the boundaries of injustice, race, hatred and fear.



Notable

This fall Professor **John Ruppert**, along with seven other artists from Germany, Slovakia, the United States and Poland, was invited to participate in an exhibition at the Municipal Museum of Bydgoszcz, Poland. Participating artists were to transform gallery spaces into works of art. Ruppert's flight to Poland was originally scheduled to leave from Dulles Airport on Sept. 11. Because of the events of that day, Ruppert did not get to Bydgoszcz until a day and a half before the exhibition. The outcome of the project was greatly influenced by the time constraints and quality and availability of materials, as well as the uncertainty of the times. The sculpture was titled "Crucible" and was made of chain-link fence and industrial ash, illuminated by a single high-intensity light.

Sarah E. Reilly is the new director of development for the College of Arts and Humanities, with Constituency Programs. She previously served as the assistant director of foundation relations in University Development.

Carlen Ruschoff, director of technical services for the University of Maryland Libraries, has been elected to a three-year term as a board member of PALINET, a multi-type library network dedicated to the support of resource sharing and technology initiatives throughout Maryland, Delaware, New Jersey, Pennsylvania and West Virginia.

Distinguished Physics Professor **Roald Sagdeev** received the 2001 James Clerk Maxwell Prize during the 43rd annual meeting of the American Physical Society's Division of Plasma Physics in Long Beach, Ca., Oct. 29-Nov. 2. According to the American Physical Society, Sagdeev, a native of the former Soviet Union, received the award "for an unmatched set of contributions to modern plasma theory." He also is director of the university's East-West Space Science Center and serves as a senior associate at the Center for Political and Strategic Studies. The center was founded by Sagdeev's wife, Susan Eisenhower, granddaughter of former president Dwight D. Eisenhower.

The university community claims five of the "50 Brightest Washingtonians," selected because they set the standard worldwide in their fields.

- Physicist **William Phillips**, professor with CMPS and Nobel Prize winner

- Livestock expert **Larry Johnson**, scientist at the Department of Agriculture's Beltsville Research Center and holder of a doctorate (AGNR) from Maryland

- Architect **Hugh Newell Jacobsen**, architecture graduate (ARCH), who is designing the Samuel Riggs IV Alumni Center for the university

- Meteorologist **Eugenia Kalnay**, professor and chair of meteorology (CMPS), who conceived the three- and five-day weather forecast

- Art historian **David Driskell**, distinguished university professor of art (ARHU), who had the namesake for the campus Center for the Study of the African Diaspora

MARS Project: Math as an Interactive Experience

Continued from page 1

scores of students in the 107 elementary schools where the program is in place. Campbell says students are comfortable openly raising questions to build their understanding of math concepts. On the standardized Comprehensive Test of Basic Skills Terra Nova (CTBS) given in Spring 2001, students showed gains of 17 to 24 percentile points over 1998 scores across grades one through five.

The improvements are attributed to development of a structured, standards-based curriculum that was systematically implemented across the district, enhanced professional development that's helped teachers improve math knowledge and a new instructional model focused on asking questions and questioning answers.

"The real focus of this project has been on professional development," says Campbell. "Unless you change the way teachers teach, you're not going to change students' achievement."

The change in Baltimore has come about through a collaborative approach, with the university becoming a full partner in assessing the problem and devel-

oping solutions that work for the district. The MARS Project is one of several initiatives in the College of Education aimed at helping to develop solutions to the

"We believe real change can be best achieved when local teachers work as full partners with university researchers to address real-world problems."

—EDNA MORA SZYMANSKI,
DEAN, COLLEGE OF
EDUCATION.

problems of urban school systems.

The college's recently created Maryland Institute for Minority Achievement and Urban Education provides an organizing structure for working with districts to develop systemic reforms aimed at closing the minority achievement gap. "The MARS Project is a wonderful example of the kind of project the institute will foster with schools and districts across the state," says Dean Edna Mora Szymanski. "We believe real change can be best

achieved when local teachers work as full partners with university researchers to address real-world problems."

Campbell says the MARS Project has helped teachers focus on what they want to teach and how they want to teach it. Some 1,600 teachers have received more than 60 hours of professional development training, and 45 have become specialized instructional support teachers for mathematics able to provide on-site assistance to classroom teachers.

Drawing on the best research available on math teaching and learning, Campbell has helped Baltimore teachers move away from the "demonstrate and practice" approach to focus more on content and understanding. "We have to engage the kids in the work of doing the math, focusing first on building their understanding, then expecting them to practice," she says.

In the urban school setting of Baltimore, teaching for understanding was an even bigger challenge than Campbell had anticipated. It became clear early on that the students needed to be empowered in the classroom, to see them-

selves as doers rather than observers. The interactive strategy of asking questions and questioning answers has proven to be a practical solution. As students move through the grades, the questions progress from "what's the answer, how did you get it?" To "why did you do it that way?" To "how do you know you're right?" Making sense of the math has become a public exercise with students encouraged to ask questions of each other and the teachers.

"As a result of the reforms developed through the MARS Project, there are clearly growing expectations that students should be able to show a progressive understanding of math as they move through the grades," says Campbell. "All indicators point to continued improvements in student learning."

The school system has expressed a continuing commitment to support the reforms once the grant project ends next May. Campbell says the key to ongoing success is to make support and training easily available for teachers in the classrooms. "Training and support are what really make the difference," she says.

extracurricular

Editor's note: Outlook's feature, extracurricular, will take occasional glimpses into university employees' lives outside of their day jobs. We welcome story suggestions; call Monette Austin Bailey at (301) 405-4629 or send them to outlook@accmail.umd.edu.

Puppy Power Has a Hold on Volunteers

Janel Brennan was never much of a dog person. But now she says her friends can hardly believe that she spends several hours a week working with stray pups.

Brennan, a coordinator for Language Instructional Technology for the School of Languages and Literatures, is a volunteer foster manager for the Prince George's County SPCA/Humane Society. She spends about three hours a day doing what she can to give stray dogs good homes.

Last year Brennan was looking for puppies on the Internet and found the PGSPCA Web site, www.pgspca.org. She noticed that not all the dogs had photos. Brennan said she was looking for a way to volunteer and thought that, since she had a digital camera, she could volunteer her time to take pictures of all the dogs for the site.

She went to one of the monthly dog shows to take pictures and ended up taking home a dog, Newman, a lasa apso stray who had been living at a shelter and was about to be killed and needed a foster home. Most of the dogs are rescued from shelters or given up by owners who can no longer take care of them.

"I thought I would have this smelly dog in my house that would have all of these psychological problems," Brennan said. But she was wrong. Newman lived with her, her husband and her other dog for a month and has since been adopted by friend and Maryland graduate student Tony Wagner.

Once thinking she wouldn't get too involved, Brennan now says she's obsessed. As part of her volunteer duties, she reviews adoption applications, makes home visits to applicants, gives advice to foster parents and writes for the PGSPCA newsletter. She also made it her personal goal to have a picture of every dog up on the Web site.

That's how Kristin Regn, an instructional and multimedia design coordinator in Personnel Services, was attracted to PGSPCA. Regn was online looking for pet rescue services and came across the PGSPCA site with photos and a list of each dog's character traits. She went to a dog show to



Tony Wagner (l) holds his adopted dog Newman, who first lived with Janel Brennan (r) as a foster pet.

"You have to love this dog. It's going to pee on your floor and chew your furniture and want to go out at 2 a.m."

—JANEL BRENNAN



Kristin Regn

meet a dog and ended up taking home a Jack Russell-Britney Spaniel mix. She and her boyfriend were his foster parents for five weeks before he was adopted by a family.

Jennifer Evoy, a gifts processor for the Terrapin Club, came across PGSPCA by way of the internet as well. Evoy, who already has an older dog (who will turn 16 in January) said she was looking to foster. Since last April, she has fostered seven dogs and become a foster manager like Brennan.

Regn, who comes from a family that adopted a dog, said, "I have a big space in my heart for another adopted dog."

She and her boyfriend, who are both juggling full-time jobs and classes, are looking to adopt, but know that now isn't the best time. They've been volunteering as foster parents for the past four

months. who sent an e-mail saying that through the photo, she and the dog formed a "special connection."

"You have to love this dog. It's going to pee on your floor and chew your furniture and want to go out at 2 a.m.," Brennan said.

The PGSPCA is strict about their adoption policies because they want to make sure the dog will be in a stable environment. There are often several applications pending at a time for one dog. While the dog is in the application process, they live in foster homes such as Evoy's and Regn's, and Brennan and Evoy go through the applications thoroughly making sure that the pet and owner would be a good fit.

"When it all clicks—when the dog has a perfect home the people have a great dog, then it's a wonderful feeling," said Regn, who most recently fostered two puppies who were adopted a few weeks ago.

Evoy said that she plans to continue fostering dogs.

"It's nice knowing that you give all of these dogs a second chance to have a nice home," Evoy said. "All of these dogs have been so wonderful and so unique that I can't imagine any of them being put down."

Top Ten Ways to Help Needy Animals Over the Holidays

1. Donate your old towels, blankets, animal carriers and cages to your local Humane Society or rescue group.
2. Sponsor a toy and treat drive at work or include these items when donating nonperishable food to local food drives.
3. Encourage your friends, neighbors and relatives to spay or neuter their pets.
4. Buy a free grooming gift certificate for a rescue dog.
5. Make a "in memory of" donation for a pet that meant a lot to you.
6. Donate your used vehicle to your local rescue group.
7. Report any acts of cruelty to animals.
8. Adopt your next pet, don't buy from a pet store.
9. Offer to walk dogs for your local shelter or rescue group.
10. Volunteer with the SPCA or local shelter.

—Janel Brennan

History

Continued from page 1

doing in an IBM-sponsored lab in Hornbake Library.

"We need to learn what kinds of things people need and what kind of people need it," says Oard. A master's student will head to the foundation to further analyze what researchers' needs may be and how the new technology may meet those needs.

Chris McCarthy, public relations coordinator for UMIACS, says much of this technology exists, but in a basic form. The tools being developed will provide a myriad of more specific applications. For example, current speech recognition technology has difficulty recognizing accented speech. Through this project, researchers will be able to search through testimonies even though individuals may not speak in readily recognized words.

New search tools will extend audio search technology on the Web, which is now limited to broadcast new audio files. The technology could be used for a broader range of applications. As Oard and colleagues work out new ways to catalogue and search the Shoah Foundation's large collection, they are also creating ways to tap into other oral histories.

"We're going to make plans for a series of four workshops for scholars so they can advise us on their needs for this material and we can help them understand the material," says Oard.

He predicts that access to cultural heritage projects will increase because a more affordable and effective storage and retrieval system will be available.

"It is now practical to collect large amounts of this material," he says, "but it won't be useful if you can't affordably use it."

The foundation has professional cataloguers listening to the testimonies, trying to capture what they can, but it is an expensive undertaking. The NSF's \$7.5 million is a good investment.

"Each [cataloguer] spends 4-5 hours on each interview," which average two hours long, says McCarthy.

"One of the important things about this technology is that we can do things that the cataloguers might not have anticipated," says Oard. "We could find things that the cataloguers may not have anticipated."

Oard cautions, though, that increased access to information creates the need for new policies that shape the way technology is used.

"We need to try to understand the implications of this technology on society. That's one reason we do this at a university," so conversations can be informed by people from several related departments, he says.

By involving the state's two premiere research universities in this project, Oard says there is the potential to foster the development of new companies working on new information technologies. It is also "an opportunity to enrich the academic discourse," he says.

Senator John McCain to Speak at Town Hall Meeting

Senator John McCain will visit Memorial Chapel on Tuesday, Dec. 4 at 8 p.m. for a Town Hall Meeting. The event, entitled "A New Normalcy: America Post-September 11th," will allow audience members to ask the senator questions about the most pressing issues we face as a nation today. The event is free and open to the public.

Senator McCain will also be presented with the first Millard E. Tydings Award for Courage and Leadership in American Politics by the Center for American Politics and Citizenship. The award will be presented by the Center's Director, Paul Herrnson, and the Center's Executive Board Chair, Senator Joseph Tydings. Presentation of the award will be accom-

panied by the announcement of a new undergraduate fellowship to be presented in Senator McCain's honor in spring 2002.

McCain was first elected to represent the state of Arizona in the U.S. House of Representatives in 1982. He served two terms in the House before being elected to the Senate in 1985. He was re-elected to a third Senate term in November 1998. In that election, he received nearly 70 percent of the vote, a total which included 65 percent of the women's vote, 55 percent of the Hispanic vote, and even 40 percent of the Democratic vote.

Throughout his public career, McCain has been a leader in critical issues facing our country. He has

waged a determined campaign against pork barrel spending, fighting for 10 years to pass a line item veto. He has been a persistent proponent of lower taxes, genuine deregulation and free trade. He is a respected voice for a strong national defense and for sound foreign policy.

McCain has been an outspoken advocate for the reform of government institutions and campaign finance reform. Recently, millions of Americans rallied to his campaign for the presidency. In 1997, he was named one of the "25 Most Influential People in America" by Time magazine.

—Nessa J. Richman, associate director, Center for American Politics and Citizenship

AAP: Encouraging, Expecting Excellence

Continued from page 1

cannot succeed here with the right supportive environment."

He goes on. The retention rate for first-year students at the end of the spring 2000 semester was better than the university's rate. Also, approximately 40 percent of the students who take the summer courses place in English 101 the following fall, with most of the rest being placed by the next semester.

"In math, 25-30 percent place into Math 110 or 113, which is a higher percentage than those in the general population who go through Math 001 or 002."

There's more: One hundred percent of the upperclassmen enrolled in the Ronald E. McNair Post-Baccalaureate program graduate with bachelor's degrees and 70 percent go onto graduate school. Many take top honors at national conferences for research done while still undergraduates.

Under the AAP umbrella, six programs exist to nurture students at several places in their educational pursuits so that they reach their full academic potential. Each component works under the guidance of a staff member with at least 15 years of service to the campus. Lewis, who has been on campus since 1988, credits his staff's longevity to their belief in their work, and its human rewards.

Below is a brief summary of each program:

IED

Begun as a pilot program in 1967 and fully implemented the following year, the IED program provides academic assistance, counseling

and help with identifying and acquiring financial aid. Students enroll in a summer bridge program, a six-week residential program in which students take math, English, reading and study skills courses. They also take one college-level course.

"This is the largest part of the program," says Lewis. "It's a comprehensive safety net."

Under the guidance of director Alice Murray, IED participants receive individual attention and plenty of work.

"They will work you," says Aaren. "They let you know that there are certain things required of you. It builds your confidence."

As part of the two-year program, students enroll in EDCI 288D, a three-credit course that covers the same four areas of the summer program and adds mandatory tutoring. This required component is certified by the International Reading Association at Level 3, the only such program on campus, and one of just three in Maryland, to earn this distinction. Counseling during the freshman year is also required, which helps students with scheduling classes, career choices, etc.

Student Support Services

This federally funded program works in tandem with IED and allows for a broader range of services. It is the result of a 1972 award the university received based on the Federal Higher Education Act of 1965 as amended in 1968.

Academic Support for Returning Athletes

"This is for athletes who left, for any reason, to help them transition back," says

Lewis. "They receive tuition remission for being a part of the speakers forum," that sends athletes into schools to talk about the importance of education. The program is co-run by the College of Education.

Ronald E. McNair Post-Baccalaureate Achievement

Under the guidance of Nthakoana Peko, associate director, talented, full-time juniors and seniors are encouraged to expand their academic experience. Also federally funded, the 10-year-old McNair program is designed to prepare traditionally underrepresented students to pursue doctoral degrees. Participants may come from the Eastern Shore campus and Frostburg State University as well. There are approximately 156 McNair programs in the country.

Educational Opportunity Center

The newest addition to the AAP family, this program was started by Lewis in 1998 to serve low income, first generation college Prince George's county adult students from primarily the Lanham area.

"We identify people who want to go back to school, all ages. It could be vocational, trade, a high school diploma," explains Lewis, who stresses that students are not being recruited for this campus. The initiative grew out of a national grant competition offered by the U.S. Department of Education. It is a \$1 million, four-year program.

"We just submitted a proposal for an \$800,000 grant for another four year grant. This second one will target the Hispanic community," he says.



Verbatim

"Less than 1 percent of American college students are currently taking all the other languages (Spanish, French, German), many of which are critical to our national needs," says Richard Brecht, director of the National Center for Foreign Languages at the University of Maryland. For a number of Central Asian languages, like Pashto, which is spoken by millions in Pakistan and Afghanistan, the 1998 enrollment at American universities was zero; for Farsi, it was 614. While the number of students studying Arabic, between 5,000 and 6,000, is significantly higher, only a minority take advanced courses that would enable them to read and speak the language one day. "Universities are enrollment-driven," Dr. Brecht says, "and since there has been no market for Arabic, few universities can maintain it. Plus, the isolation of our continent, the fact that English is spoken throughout the world, has an impact. We are not a culture that has traditionally valued different languages." Brecht's appraisal of the foreign language gap appeared in the New York Times, Nov. 11.

But with the economy slowing down before Sept. 11, corporations appear to have plenty of capacity to produce everything consumers need, so it is doubtful that they would spend any extra money adding to their plants. "Giving large corporations any money right now does not really help very much," says Peter Morici of the University of Maryland's Robert Smith School of Business. "They are not going to build anything until they see some demand. It's a tax package that might have made some sense before Sept. 11, but makes little sense after it." Morici spoke of tax cuts in the Baltimore Sun, Nov. 11.

On a competitive news story many journalists rate as the most important of their careers, a fact censored in one place is likely to surface in another. Recognizing such pressure, some terrorism specialists place the blame on the sources who disclose the information to reporters in the first place. "The people who started talking about [additives to aerosolize anthrax] really should be locked up, and I mean that literally," says Milton Leitenberg of the University of Maryland, who has studied biological weapons for 30 years. He fears the disclosures increase the odds of a large-scale biological attack. Leitenberg's harsh judgement appeared in the Baltimore Sun, Nov. 11. He is affiliated with the School of Public Affairs.

For example, the Mid-Atlantic Center for Mathematics Teaching and Learning is a coalition of three universities, two large school districts, and one state department of education. The universities are offering \$25,000 annual fellowships to university students in mathematics education doctoral programs, while also working with Delaware state education officials and the Prince George's County, Md., and Pittsburgh districts to increase the subject-area knowledge of their math and science teachers. Both goals of the Mid-Atlantic Center project are necessary to ensure that the next generation of teachers has strong content knowledge and can communicate effectively with students, the leader of the project said. "The problems have a wide scope," said James T. Fey, a professor of curriculum and instruction and mathematics at the University of Maryland, College Park and the director of the center. "What NSF asked for each of these centers to address is a fairly long list of things." The University of Maryland and its partners—Pennsylvania State University in University Park and the University of Delaware in Newark—have struggled to fill faculty positions for mathematics education in recent years, Fey said. He explained the goals of the Mid Atlantic Center in Education Week, Nov. 7.

"No one likes the idea of a draft, but we've never tried a draft that didn't have battle as the recruits' ultimate objective. Right now, the military appears to have enough volunteers willing to fight so that we don't need to force young people into harm's way. But our battlefield is not only in the barren reaches of Afghanistan. As President Bush said in his speech last Thursday calling for new opportunities within Americorps, our country needs 'a commitment to service in our own communities.' What better time to enlist young people to help their country than right now?" Robin Gerber of the Academy of Leadership penned an opinion/editorial for the Christian Science Monitor, Nov. 13.

For Your Interest

Manage Stress with Yoga

Campus Recreation Services is offering Yoga for Stress, a three-hour yoga workshop to improve relaxation and concentration skills. The first will be held at Ritchie Coliseum on Thursday, Dec. 13 from 5-8 p.m. The second will be held on Saturday, Dec. 15 from 10 a.m.-1 p.m. in the Campus Recreation Center.

Register early to reserve a space in the class of your choice by visiting the CRS Web site at www.crs.umd.edu. Registration ends on Dec. 6 and costs \$20. Payment can be made by VISA, Discover or Mastercard. For more information, contact Laura Sutter at (301) 405-PLAY, (5-7529) or ls220@umail.umd.edu, or visit www.crs.umd.edu.

Fighting Corruption in China

The Institute for Global Chinese Affairs presents "Fighting Against Corruption in China," a lecture by Professor Angang Hu, School of Public Policy & Management, Tsinghua University, Beijing, China on Wednesday, Dec. 5 from 3:30-5:30 p.m. in room 0200, Skinner Hall.

Hu's lecture will focus on corruption and anti-corruption strategies in China including the types of Chinese corruption and the estimation of economic loss due to corruption in China.

Hu is one of China's leading authorities on China's economic policy and regional development, including the fight against economic corruption, China's so-called greatest social pollution. He is a senior research fellow at Harvard University. He also is director of the Center for China Studies at the Chinese Academy of Sciences and a member of China's top academic think tank, the China Study Group at the Chinese Academy of Sciences.

Student Engagement Results

Results from the National Survey of Student Engagement will be presented this week at the Campus Assessment Working Group (CAWG) forum. The annual survey tracks undergraduates at four-year colleges and universities, providing information about the quality of the undergraduate experience. It asks students how they spend their time, what they feel they've gained from their classes, their assessment of the quality of their interactions with faculty and friends and about other important activities.

Last spring, university freshmen and seniors participated in the survey, and this forum will highlight what they had to say.

The forum will take place Friday, Dec. 7 from 1-2 p.m. in the Maryland Room, Marie Mount Hall. RSVP by Dec. 5 to cawg@umail.umd.edu. For

more information, contact Eowyn at (301) 405-3867 or cawg@umail.umd.edu, or visit www.umd.edu/cawg.

Breakfast with Santa

Bring friends and family and join Santa for a breakfast buffet featuring a baker's basket of breakfast pastries, cereals, French toast, sausage, hash browns, Moo Moo's Breakfast Bake, 99-cent mimosas and more. This is a great chance to share wish lists with Santa.

The breakfast will take place on Saturday, Dec. 8 at the University Golf Course. There are two seatings: at 8 a.m. and 10:30 a.m. Reservations are required; please call (301) 314-6631. The price for faculty and staff is \$8.25; children 6-14, \$4.25; children 5 and under, free. All prices plus tax and gratuity. For more information, contact Nancy Loomis at (301) 314-6631 or nloomis@dining.umd.edu.

Golf Shop Annual Sale and Faculty/Staff Buffet

The Golf Shop will hold its one-day annual holiday sale with a 15 percent discount on clothing and selected items for all university employees.

Month-long holiday gift certificate specials include two 30-minute golf lessons for \$50, a round of golf with cart for \$38 and 6 range tokens for \$10.

The sale will take place Friday, Dec. 7 from 7 a.m.-6 p.m. For more information, contact the Golf Shop at (301) 403-4299 or rebshep77@aol.com.

In addition, the Golf Course will host its annual Holiday Faculty/Staff Appreciation Pro Shop Sale and Holiday Buffet on Friday, Dec. 8. The shop will offer a 15 percent discount to faculty and staff all day. From 11 a.m.-2 p.m., Mulligan's Grill will serve a buffet with oyster stew, chef-carved roast beef and turkey, salad and fruit bar, spinach lasagna and more. The cost is \$11.95, or \$9.95 with any Pro Shop purchase (reservations recommended for groups).

For more information, contact Nancy Loomis at (301) 314-6631 or nloomis@dining.umd.edu.

Give the Gift of Bugs

Looking for that perfect gift for the entomologist in your life? The Department of Entomology has you covered. T-shirts bearing a realistic likeness of the Megalodacne heros designed by John Davidson, a professor in the department, are available for \$12.

The gray short-sleeved shirts feature a red and black design. Sizes for children are small and medium, and adult sizes range from small to extra large.

For ordering information, contact Andie Huberty at (301) 405-7518 or ah97@umail.umd.edu.

Physics is Phun

Mark your January 2002 calendars for the Department of Physics' public lecture-demonstration program series Physics is Phun.

In its 20th year, the program is hosted by Richard Berg and the staff of the Physics Lecture-Demonstration Facility and assisted by numerous invaluable volunteers. This free public program presents physics at the high school level through the use of demonstrations.

The subject of exploration this month is "Going in Circles with Physics," featuring rotational physics, including angular momentum and coriolis phenomena.

The program will be held three days in a row: Thursday, Jan. 10, Friday, Jan. 11 and Saturday, Jan. 12 (snow dates: Jan. 17, 18 and 19).

Doors open by 7 p.m. and the program takes place from 7:30-8:45 p.m. in the Physics Department Lecture Halls, 1410-1412 Physics Building. A sign language interpreter is available with adequate notice. To volunteer, call Bernie at (301) 405-5949 a week before the program. For more information, call (301) 405-5994 or visit www.physics.umd.edu/lecddem/phph.htm.

Searching for Common Ground: Between Military and Peaceful Responses to Terrorism

The Center for International Development and Conflict Management (CIDCM) is offering an intensive evening and weekend program in the field of alternative dispute resolution, to provide experiential learning and multiple perspectives on ways to bring about conflict transformation and peace-building. This winter's program will also provide an opportunity to address issues of immediate global concern: how to understand and effectively respond to terrorism following the attacks of Sept. 11.

The weekend workshops will aim to bring together advocates of both military and non-violent approaches to combating terrorism in order to promote constructive dialogue, identify useful policy options and avoid painful schisms and mistakes experienced during earlier involvements in Vietnam, Iraq and Afghanistan.

The seminar will take place Thursday, Jan. 3 from 6-9 p.m. in 0139 Tydings Hall. For more information, contact John Davies or Edy Kaufman at (301) 314-7709 or (301) 314-5907, or jdavies@cidcm.umd.edu or ekaufman@cidcm.umd.edu.

Winter Evenings at Riversdale

The Riversdale House Museum hosts winter evenings Dec. 27 and 28 from 7-9 p.m. Celebrate

Christmas past at the decorated mansion. There will be music, costumed interpreters, children's games, gingerbread baking in the open hearth kitchen and refreshments—all by the natural light of candles. Admission is \$5 per person (children 4 and under are admitted free).

The Riversdale House Museum is located near the University of Maryland at 4811 Riverdale Road, Riverdale Park, Maryland. For further information, call (301) 864-0420; TTY (301) 699-2544, or visit www.pgiparks.com.

Accommodations for individuals with disabilities are available upon request. Please contact the facility two weeks in advance of the program start date. Additionally, the Department of Parks and Recreation requests 72 hours notice for the provision of sign language interpreters.

Test Tension Treatment

The Maryland Center for Anxiety Disorders, Department of Psychology announces a Test Anxiety Treatment Program for children and adolescents.

Young people often perform poorly on examinations, even though they studied hard and knew all the material the night before the test. One reason may be test anxiety, which affects a number of school age children and adolescents. Severe test anxiety can result in poor examination scores, limit academic achievement, affect self-esteem and may be related to other severe fears. For more information on this skills-oriented program or to schedule an evaluation, contact the center at (301) 405-0232.

New Work On Slavery

The Joint Consortium for the Study of Slavery and Freedom presents a graduate student forum, "New Work on Slavery," on Tuesday, Dec. 4 from 6-8 p.m. in the Multipurpose Room in Nyumburu Cultural Center. Graduate students from area universities will be presenting their work.

Those presenting include: Jennifer Dorsey, Georgetown University, "Slavery and Freedom on Maryland's Eastern Shore"; Paul Gardullo, George Washington University, "Slavery and Memory in American History"; Gordon Gill, Howard University, "Language of Resistance in the Slave Society of Barbice"; Max Grivno, University of Maryland, "Slavery on the Margins: Northern Maryland"; Cheryl LaRoche, University of Maryland, "From Slave Ships to Cemeteries: Archeology as an Alternative Path to History"; Matt Mason, University of Maryland, "The Political Impact of an Assertive African American Population in the Early U.S. Republic"; and J. Santiago Mauer, Howard University, "Castas de Nacion: African Ethnicities and Slavery in Colombia."